

**In the Claims:**

Amend claims 1, 6-12, 16, 21-22, and 24 as shown below in the entire set of pending claims. Underlines indicate insertions, and ~~strikeouts~~ or double brackets [[ ]] indicate deletions.

- 1               1. (Currently amended) An appliance application loading system  
2 for a network environment, comprising:
  - 3               a client;
  - 4               a web application server communicating with the client within the  
5 network environment and configured as a central location to store applications  
6 and configuration settings for an appliance to enable configuration setups for a  
7 plurality of appliances;  
8               ~~at least one network-based appliance~~ a plurality of network-based  
9 appliances communicably attached with the web server within the network  
10 environment, wherein the network-based appliance includes appliances each  
11 include an embedded device having a non-volatile storage device; and  
12               a loading mechanism provided on the network-based appliance and  
13 operative to download ~~an~~ a first application to ~~the~~ one of the  
14 appliances and a second application to another of the appliances from the web  
15 application server upon the occurrence of a power on/off cycle, wherein ~~an~~ a  
16 first application header and a first universal resource locator (URL) are stored on  
17 the non-volatile storage device for the one appliance and a second application  
18 header and a second universal resource locator (URL) are stored on the non-  
19 volatile storage device for the another appliance, and an first and second  
20 application body is bodies are provided on the web server at a location  
21 corresponding with the URL for the one appliance and the another appliance,  
22 respectively, the URL being initialized to access the respective application body  
23 when the loading mechanism detects the respective application header.
- 1               2. (Original) The appliance application loading system of  
2 claim 1 wherein the loading mechanism is provided at least in part by the client.

1                   3-5. (Cancelled)

1                 6. (Currently amended) The appliance application loading  
2 system of claim 1 wherein each of the application ~~body~~ bodies comprises a  
3 servlet provided on the web server.

1                 7. (Currently amended) The appliance application loading  
2 system of claim 1 wherein each of the network-based ~~appliance~~ appliances  
3 comprises an embedded device, and the loading mechanism comprises a virtual  
4 machine.

1                 8. (Currently amended) The appliance application loading  
2 system of claim 1 wherein each of the network-based ~~appliance~~ appliances uses  
3 the loading device to download specific appliance configuration settings.

1                 9. (Currently amended) The appliance application loading  
2 system of claim 8 wherein each of the ~~appliance~~ appliances comprises an  
3 embedded device, and the loading mechanism comprises a program routine that  
4 copies an application program into memory of the embedded device from the  
5 web server for execution.

1                 10. (Currently Amended) A computer peripheral program  
2 product, comprising:  
3                     a web application server configured as a central location to store  
4 applications and configuration settings for a ~~computer peripheral~~ computer  
5 peripherals to enable configuration setups for a plurality of computer peripherals;  
6                     a network environment;  
7                     at least ~~one computer peripheral~~ two computer peripherals; and  
8                     an application loader to load an ~~a~~ unique extendable architecture  
9 application to each of the ~~computer peripheral~~ at least two computer peripherals  
10 so as to enable versioning, updating, and remote configuration of the ~~computer~~  
11 peripheral at least two computer peripherals via the web application server;

1                   wherein the application loader associates ~~an~~ a first application  
2 header of ~~the~~ a first computer peripheral ~~and~~ an with a first application body of  
3 the web application server and a second application header of a second  
4 computer peripheral with a second application body of the web application  
5 server, the application wherein each of the applications includes the a respective  
6 application header having identification information for the application and a  
7 uniform resource locator (URL) to the application body, the application body  
8 including one or more individual applications that can be loaded on the computer  
9 peripheral, the URL being initialized to access the application body when the  
10 application loader detects the application header.

1                   11. (Currently amended) The computer peripheral program  
2 product of claim 10 wherein ~~the computer peripheral~~ each of the computer  
3 peripherals comprises a virtual machine including a web client.

1                   12. (Currently amended) The computer peripheral program  
2 product of claim 10 wherein one of the computer peripheral peripherals  
3 comprises a printer, and updating comprises configuring the one printer with a  
4 printer application comprising a printer configuration state.

1                   13. (Original) The computer peripheral program product of  
2 claim 12 wherein the printer configuration state comprises user settings.

1                   14. (Original) The computer peripheral program product of  
2 claim 12 wherein the printer configuration state comprises a servlet on the web  
3 application server that transfers applications and settings to the printer in  
4 response to a power cycle that automatically updates the applications and  
5 configuration settings for the printer.

1                   15. (Cancelled)

1                   16. (Currently amended) A method for updating applications to  
2 embedded devices, comprising:

3                   providing a plurality of network-based appliances each  
4   communicably attached with a web application server, each of the appliances  
5   having a loading mechanism to download an application to the appliance from  
6   the server;

7                   querying one of the appliances and another of the appliances with  
8   the web server to determine presence of an application header for the one  
9   appliance and the another appliance; and

10                  updating the one appliance with a first separate, dedicated  
11 application from the server including a first set of user settings for the one  
12 appliance and a second separate, dedicated application from the server including  
13 a second set of user settings unique from the first set of user settings and for  
14 the another appliance and the another appliance with the respective application  
15 from the server upon the occurrence of a power on/off cycle and upon detecting  
16 the presence of the application header.

1                   17. (Original) The method of claim 16 wherein the appliance  
2   comprises an embedded device, and updating comprises configuring the  
3   embedded device with an application comprising an embedded device  
4   configuration state.

1                   18. (Original) The method of claim 17 wherein the embedded  
2   device configuration state comprises user settings.

1                   19. (Original) The method of claim 17 wherein the embedded  
2   device configuration state comprises a servlet on the web application server that  
3   is transferred to the embedded device in response to a power cycle that  
4   automatically updates the applications and configuration settings for the  
5   embedded device.

1                   20. (Original) The method of claim 16 wherein a plurality of  
2   appliances are communicably attached with the web application server each  
3   with a dedicated one of the loading mechanism, wherein the web application

4 server stores appliance applications and configuration settings to enable plural  
5 appliance configuration setup to version and update such applications.

1                   21. (Currently amended) An appliance application loading system  
2 for a network environment, comprising:  
3                   a client;  
4                   a server communicating with the client;  
5                   a plurality of network-based appliance appliances communicably  
6 attached with the server, the network-based appliance appliances each including  
7 an embedded device having a non-volatile storage device; and  
8                   a loading mechanism provided on the network-based appliance and  
9 operative to download [[an]] a unique application to each of the network-based  
10 appliance appliances from the server upon the occurrence of a power on/off  
11 cycle, wherein an application header and a universal resource locator (URL) are  
12 stored on the non-volatile storage device of each appliance, and an application  
13 body, having a servlet, is provided on the server at a location corresponding with  
14 the URL for each appliance, the URL being initialized to access the application  
15 body when the loading mechanism detects the application header;  
16                   wherein servlet settings corresponding to each of the network-  
17 based appliance appliances are automatically updated via the loading mechanism  
18 to each appliance if a user locally changes settings of the network-based  
19 appliance.

1                   22. (Currently amended) The system of claim 21, wherein the  
2 server comprises a dedicated servlet configured to have settings that are unique  
3 to [[a]] each of the network-based appliance appliances.

1                   23. (Previously presented) The appliance application loading  
2 system of claim 1 further comprising a first network-based appliance and a  
3 second network-based appliance, wherein the loading mechanism sets up the  
4 one network-based appliance to have user settings for a first user who uses the  
5 one network-based appliance locally, and the loading mechanism sets up the  
6 another network-based appliance to have user settings for a second user who  
7 utilizes the another network-based appliance locally, but remotely from the first  
8 network-based appliance.

1                   24. (Currently amended) The appliance application loading  
2 system of claim 23 wherein the one network-based appliance comprises one  
3 printer and the another network-based appliance comprises another printer, the  
4 server is configured to update each unique application with fixes to software  
5 viruses, and the loading mechanism is configured to download a first and second  
6 updated unique application to the one printer and the another printer,  
7 respectively.

1                   25. (Previously presented) The appliance application loading  
2 system of claim 24 wherein the loading mechanism utilizes the application body  
3 comprising a servlet, wherein the one printer is delivered one servlet and the  
4 another printer is delivered another servlet, wherein the one servlet comprises  
5 specific appropriate user settings for the one printer and the another servlet  
6 comprises specific appropriate user settings for the another printer.